

MATERIAL SAFETY DATA SHEET

Date Issued: 02/17/2009
 MSDS No: BS1004
 Date Revised: 02/17/2009
 Revision No: 1

Resilience® Enamel Catalyst Primer

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Resilience® Enamel Catalyst Primer
PRODUCT DESCRIPTION: Enamel Catalyst Primer
PRODUCT CODE: FC-RESI-012; FC-RESI-027; FC-RESI-048
CHEMICAL FAMILY: Methacrylate
MOLECULAR FORMULA: Not Available
GENERIC NAME: Enamel Catalyst Primer

2. COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT(S)	CAS
Aromatic and Aliphatic Dimethacrylate Monomers	N/A
Methacrylate Monomers	80-62-6
Tertiary Amine	N/A

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

PHYSICAL APPEARANCE: Straw Colored Resin

POTENTIAL HEALTH EFFECTS

EYES: Possible Irritant

SKIN: Mild to severe irritant

INHALATION: Possible Irritant

SIGNS AND SYMPTOMS OF OVEREXPOSURE

SKIN: Repeated Exposure to Skin may cause irritation and reddening.

ROUTES OF ENTRY: Skin - Yes

Inhalation - Possible

Ingestion - Possible

4. FIRST AID MEASURES

EYES: Flush with copious amounts of water.

SKIN: Wash with soap and water.

INGESTION: If swallowed, immediately drink a large quantity of milk or water and seek medical attention.

INHALATION: Remove to fresh air.

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5. FIRE FIGHTING MEASURES

FLASHPOINT AND METHOD: ND = No Data/Not Determined

FLAMMABLE LIMITS: ND = No Data/Not Determined

EXTINGUISHING MEDIA: Dry Chemical Foam, CO₂, Dry Chemical

EXPLOSION HAZARDS: NA = Not Applicable

FIRE FIGHTING EQUIPMENT: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

FIRE EXPLOSION: Material may burn if exposed to flame. Full water jet not suggested.

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of Carbon.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Absorb small spills with a paper towel.

LARGE SPILL: Dike large spills with vermiculite or similar absorbent

7. HANDLING AND STORAGE

GENERAL PROCEDURES: To be handled by qualified dental professionals. Follow instructions for use.

STORAGE: Store at or below room temperature. No other precautions.

STORAGE TEMPERATURE: Store at or below room temperature.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Safety glasses; splash goggles recommended.

SKIN: Protective gloves recommended

RESPIRATORY: None required under normal use

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Straw colored resin

ODOR: Characteristic odor.

COLOR: Straw colored

VAPOR PRESSURE: ND = No Data/Not Determined

VAPOR DENSITY: ND = No Data/Not Determined

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BOILING POINT: ND = No Data/Not Determined
FREEZING POINT: ND = No Data/Not Determined
MELTING POINT: ND = No Data/Not Determined
SOLUBILITY IN WATER: Insoluble.
EVAPORATION RATE: ND = No Data/Not Determined
DENSITY: ND = No Data/Not Determined
SPECIFIC GRAVITY: (H₂O = 1): 1.1

10. STABILITY AND REACTIVITY

STABILITY: Stable.
POLYMERIZATION: In large quantities, may occur with heat elevation.
CONDITIONS TO AVOID: High temperatures, localized heat sources, freezing and UV light
POSSIBILITY OF HAZARDOUS REACTIONS: None
HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of Carbon
INCOMPATIBLE MATERIALS: Strong oxidizing agents, reducers, free-radical initiators, heavy metal ions and polymerization catalysts.

11. TOXICOLOGICAL INFORMATION

CARCINOGENICITY
Notes: ND = No Data/Not Determined

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: May cause adverse environmental impact if material reaches waterways

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of in accordance with Federal, State, and Local Regulations.

14. TRANSPORT INFORMATION

COMMENTS: None required

15. REGULATORY INFORMATION

